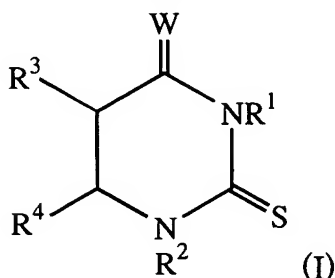


Claims

1. A composition comprising:

(a) from 0.1% to 20% of at least one cyclic thiourea compound of formula I:



wherein W is O or S; R¹ and R² independently are hydrogen, alkyl, alkenyl, aryl or aralkyl; R³ and R⁴ independently are hydrogen, alkyl, alkenyl, aryl or aralkyl, or R³ and R⁴ groups combine with ring carbon atoms to which they are attached to form a five- to seven-membered heterocyclic ring; and

(b) a lubricating oil.

2. The composition of claim 1 in which W is O, and R¹, R², R³ and R⁴ independently are hydrogen, alkyl, alkenyl, aryl or aralkyl.

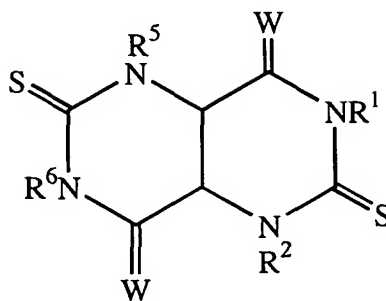
3. The composition of claim 2 in which R¹, R², R³ and R⁴ independently are hydrogen or alkyl.

4. The composition of claim 3 in which at least one of R¹, R², R³ and R⁴ is C₆-C₂₂ alkyl.

5. The composition of claim 1 in which W is S, and R¹, R², R³ and R⁴ independently are hydrogen, alkyl, alkenyl, aryl or aralkyl.

6. The composition of claim 1 in which R³ and R⁴ groups combine with ring carbon atoms to which they are attached to form a five- to seven-membered heterocyclic ring.

7. The composition of claim 6 in which the cyclic thiourea has formula



wherein R⁵ and R⁶ independently are hydrogen, alkyl, alkenyl, aryl or aralkyl.

8. The composition of claim 7 in which W is O, R¹ and R⁶ are the same, and R² and R⁵ are the same.

9. The composition of claim 8 in which R¹ and R² independently are hydrogen or alkyl.

10. The composition of claim 9 in which at least one of R¹ and R² is C₆-C₂₂ alkyl.